

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_MA0004_01_s _ 2013_9				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has copies of their O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_MA0004_01_s _ 2013_10				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_MA0004_01_s _ 2013_11				
Action/Comments					
Inspector Comments: The Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015

### Sacramento Maintenance Yard Maintenance Area 0004

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	0.00	Rating **	A	Issue No.	6
LM End	3.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.596817 °	38.587186 °
				-121.547525 °	-121.508022 °
DWR ID	DWR_MA0004_01_f _ 2015_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the slope has been mowed and there is no visibility obstruction.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_6\_20150921\_00019.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.00	Rating **	A	Issue No.	1
LM End	3.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.596817 °	38.587185 °
				-121.547524 °	-121.508022 °
DWR ID	DWR_MA0004_01_f _ 2015_1				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Vegetation on the slope has been mowed and there is no visibility obstruction.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_1\_20150921\_00018.jpg



View of the vegetation on the waterward side of the levee looking downstream. Fall 2015.

LM Start	0.19	Rating **	C	Issue No.	4
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596797 °	38.596797 °
				-121.544192 °	-121.544192 °
DWR ID	DWR_MA0004_01_s _ 2015_4				
Action/Comments					
Repair slope instability.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	1.34	Rating **	A/W	Issue No.	7
LM End	1.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.602756 °	38.600449
				-121.525618 °	-121.514459
DWR ID	DWR_MA0004_01_s_2012_7				
Action/Comments					
Landscaping					
Inspector Comments: The Rivers housing development					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_7\_20150921\_00021.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	1.35	Rating **	A/W	Issue No.	8
LM End	1.51	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.602764 °	38.602596 °
				-121.525319 °	-121.522439 °
DWR ID	DWR_MA0004_01_s_2012_8				
Action/Comments					
Building					
Inspector Comments: The Rivers housing development houses on crown of levee waterside					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_8\_20150921\_00022.jpg



View of the houses on the crown of the levee looking downstream. Fall 2015.

LM Start	2.08	Rating **	C	Issue No.	19
LM End	2.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.599133 °	38.599133 °
				-121.513384 °	-121.513384 °
DWR ID	DWR_MA0004_01_s_2014_19				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Looks like it may be a old squirrel hole. Burrow goes thru the shoulder and breaks out on levee slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	2.12	Rating **	M	Issue No.	18
LM End	2.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.598613 °	38.598613 °
				-121.513012 °	-121.513012 °
DWR ID	DWR_MA0004_01_f _ 2015_18				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_18\_20150921\_00024.jpg



View of the animal holes on the waterward side of the levee looking downstream. Fall 2015.

LM Start	2.18	Rating **	M	Issue No.	13
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.597967 °	38.597967 °
				-121.512892 °	-121.512892 °
DWR ID	DWR_MA0004_01_s _ 2015_13				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_13\_20150914\_00012.jpg



View of the erosion on the landward side of the levee looking downstream. Spring 2015.

LM Start	2.28	Rating **	C	Issue No.	15
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.596557 °	38.596557 °
				-121.513159 °	-121.513159 °
DWR ID	DWR_MA0004_01_s _ 2015_15				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--



**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	2.65	Rating **	M	Issue No.	22
LM End	2.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.591380 °	38.591380 °
				-121.511345 °	-121.511345 °
DWR ID	DWR_MA0004_01_f _ 2015_22				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_22\_20150921\_00026.jpg



View of the depression on the landward side of the levee due to foot traffic looking upstream. Fall 2015.

LM Start	2.76	Rating **	M	Issue No.	23
LM End	2.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.590248 °	38.590248 °
				-121.509940 °	-121.509940 °
DWR ID	DWR_MA0004_01_f _ 2015_23				
Action/Comments					
Trim trees over roadway to at least 12 feet above ground level.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_23\_20150921\_00027.jpg



View of the tree branches on top of the crown of the levee looking downstream. Fall 2015.

LM Start	2.91	Rating **	M	Issue No.	24
LM End	2.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.588937 °	38.588937 °
				-121.507920 °	-121.507920 °
DWR ID	DWR_MA0004_01_f _ 2015_24				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_24\_20150921\_00028.jpg



View of the slope stability due to foot traffic on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	2.97	Rating **	M	Issue No.	25
LM End	2.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.587998 °	38.587998
				-121.507896 °	-121.507896
DWR ID	DWR_MA0004_01_f _ 2015_25				
Action/Comments					
Repair slope instability.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_25\_20150921\_00029.jpg



View of the depression on the waterward side of the levee looking downstream. Fall 2015.

LM Start	3.01	Rating **	C	Issue No.	16
LM End	3.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.587532 °	38.587532 °
				-121.507980 °	-121.507980 °
DWR ID	DWR_MA0004_01_s _ 2015_16				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.01	Rating **	M	Issue No.	26
LM End	3.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.587406 °	38.587406 °
				-121.507991 °	-121.507991 °
DWR ID	DWR_MA0004_01_f _ 2015_26				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_26\_20150921\_00030.jpg



View of the animal hole on the waterward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2015**

**Sacramento Maintenance Yard Maintenance Area 0004**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	3.47	09/17/2015 09/17/2015	Jai Lor

LM Start	3.03	Rating **	M	Issue No.	3
LM End	3.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.587135 °	38.587135 °
				-121.508093 °	-121.508093 °
DWR ID	DWR_MA0004_01_f _ 2015_3				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: There are holes in the surrounding area that are hidden by vegetation.					

Photo 1 of 1 : FA\_2015\_MA0004\_298\_3\_20150921\_00031.jpg



Rodent holes are still visible on the landward side of the levee. Photo taken looking upstream. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--